

### ABSTRACT

The present invention is directed to the production of a sample microarray for use in detecting one or more target biopolymers in the sample. The sample microarray of this invention is formed by distributing equivalent amounts of a single sample at discrete, spatially defined locations on a substrate. Each site in the microarray, thus, has the same composition of target biopolymers. The microarray is then interrogated by one or more probes specific for one or more the target biopolymers.

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